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40	تاریخ کف ف : 126 / وو	الامنات المناسي	الروس مس فردن مدر	
	an= 1 (x-11)2 Sinux + 50.			
	bn= 1 Sinnx =		1	
	0			
	$f(x) = a_0 + \sum_{n=1}^{\infty} a_n cosn x$	4 b n Sinh x - 173 4 }	- 4 Cinx	
	$\sum_{N=1}^{\infty} \frac{1}{h^2} = (1 - \frac{1}{4})^{\frac{1}{2}}$	$\frac{1}{9} - \frac{1}{16} + \frac{1}{200} = I$		
	$f(x) = (x - L) = \frac{3}{4} + 4($	(OSX + 1 COSSV + 1 CSSV +	16 (314x -4)	
$f(u) = 0 = \frac{3}{4} + 4(4 + \frac{1}{4} - \frac{1}{4} + \frac{1}{16} - \frac{5}{16} + \cdots)$)	
	$\frac{\pi^2}{3} - 4I = 0 - 1 = \frac{\pi^2}{12}$	$\frac{N=1}{2} \frac{U_S}{(-1)^{N+1}} = \frac{1}{N}$	12	
	$f(x) = \frac{3}{4\pi} + \sum_{n=1}^{\infty} \frac{n_{n}}{(-1)^{n}} Gecon$	+ 5(-1) Sir(WX)	-5	
		- 1	$-G_{1}\frac{3}{2}$ Sin $x = \frac{3}{4}$ Sin $x - \frac{1}{4}$ Sin $3x$	
	$-I = \int_{0}^{\infty} \frac{1}{3} \int_{0}^{\infty} dx \sin \theta = \int_{0}^{\infty} \int_$	$\frac{1}{4} \frac{1}{2} \frac{1}$	1-4 Mp3	
	17 = J fan (1+ con) 9=	-1/	4	
) for (8in x + 2 coix) dx	= 3 UP1-1 UP7+5U0	$\sqrt{24} \sqrt{2} = \frac{4}{34} \sqrt{2 - \frac{4}{4}} \sqrt{\frac{4}{3}}$	
	$+\frac{3}{5}-11=\frac{3}{5}+\frac{3}{3}$	2-11-18- 213+4n	-	

تَارِغ تَوْ ل : 317/10

اما منیات سندی کسیتا مری اول رسرون مسامروش مرر شیا دو داخومی: عام ۱۹۱۹ه اه اه

 $\mu(x) = (x + \cos x)_5 + x - x\cos 5x$ -> $\mu(x) = x_5 + 5x + \frac{8}{3} + \cos x + \cos x$ 00= 1] [11) gx = 1] (x5-1x-13/8+cosxx+cosxx) gx = 1/3 -1 +3/8 of fix 1= 00+ E or cos su nx+pu gir su vx: _no wing ning com con la su Leu minions an = 2) prix) Cessuxq X - 5 () X3 Cessux QX - 5 (Star Cosux AX) 3 Cessuxqx -) Cess Cosux +) = 1/2 (0 SINY dx) = 1/2 +0 +0 +0 +0 -, an = 1/2 $pu = \frac{1}{2} \int_{0}^{\infty} y \int_{$ $+\int Coss \times Sinsn \times d \times + \int \frac{8}{\cos x} Sinsn \times d \times = -\frac{1}{12} - \frac{1}{2} + 0 + 0 + 0$ h(x) = a o + \(\sigma \) an C (2 nx + bn Sinzn x

-> p(x) = 45 + 43 + 5 cossux - (41+5) Sinsux